

Appln. No. 10/023,071
Amdt. dated April 20, 2005
Reply to Office Action dated March 9, 2005

IN THE CLAIMS:

Please cancel claims 2, 3, 7, 9, 10 and 20 and amend claims 1, 4-6 and 17 as follows. The following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Currently Amended). A method for enabling a user to interact with an electronic device using speech, the electronic device being capable of interacting with the user in multiple languages, the method comprising the steps of:

defining a set of activation commands for activating or controlling the electronic device, the set of activation commands including at least one activation command in each of the languages supported by the electronic device;

receiving speech input from the user;

recognizing at least one voice command in the speech input;

determining whether the recognized voice command is in the set of activation commands and if so, activating or controlling the electronic device in accordance with the recognized voice command;

determining the language of the recognized voice command;

Appln. No. 10/023,071
Amdt. dated April 20, 2005
Reply to Office Action dated March 9, 2005

[[and]]

setting a language attribute which determines in which language the electronic device interacts with the user based on the language of the recognized voice command such that the recognized voice command has dual functions of causing the activation or control of the electronic device and setting of the language attribute of the electronic device;

providing a plurality of additional sets of voice commands for activating or controlling the electronic device, each in one of the languages supported by the electronic device;

enabling recognition of one of the additional sets of voice commands in speech input in response to recognizing one of the activation commands; and

selecting the additional set of voice commands for which recognition is enabled in the language associated with the language attribute.

Claim 2 (Cancelled).

Claim 3 (Cancelled).

Claim 4 (Currently Amended). The method as recited in claim [[2]] 1, wherein at least one of the activation commands includes

Appln. No. 10/023,071
Amdt. dated April 20, 2005
Reply to Office Action dated March 9, 2005

a word from each of the plurality of languages.

Claim 5 (Currently Amended). ~~[[The]]~~ A method as recited in claim 4, wherein for enabling a user to interact with an electronic device using speech, the electronic device being capable of interacting with the user in multiple languages, the method comprising the steps of:

defining a set of activation commands for activating or controlling the electronic device, the set of activation commands including at least one activation command in each of the languages supported by the electronic device, at least one of the activation commands [[is]] being a personalized name in each of the plurality of languages;

receiving speech input from the user;

recognizing at least one voice command in the speech input;

determining whether the recognized voice command is in the set of activation commands and if so, activating or controlling the electronic device in accordance with the recognized voice command;

determining the language of the recognized voice command;

setting a language attribute which determines in which language the electronic device interacts with the user based on the language of the recognized voice command such that the

Appln. No. 10/023,071
Amdt. dated April 20, 2005
Reply to Office Action dated March 9, 2005

recognized voice command has dual functions of causing the
activation or control of the electronic device and setting of the
language attribute of the electronic device; and
enabling recognition of an additional set of voice commands
in speech input in response to recognizing one of the activation
commands.

Claim 6 (Currently Amended). The method as recited in claim
[[2]] 1, wherein at least one of the activation commands is user-
definable.

Claim 7 (Cancelled).

Claim 8 (Previously Presented). A computer program product
wherein the program product is operative to cause a processor to
perform the method as claimed in claim 1.

Claim 9 (Cancelled).

Claim 10 (Cancelled).

Claim 11 (Previously Presented). The method as recited in
claim 1, wherein the electronic device is a multifunction

Appln. No. 10/023,071
Amdt. dated April 20, 2005
Reply to Office Action dated March 9, 2005

electronic device, the speech input from the user being recognized by a speech recognizer, further comprising arranging the speech recognizer in the multifunction device.

Claim 12 (Previously Presented). The method as recited in claim 1, further comprising the step of enabling the electronic device to provide audio and/or visual feedback to the user in the plurality of languages supported by the electronic device.

Claim 13 (Previously Presented). The method as recited in claim 12, further comprising the step of setting the electronic device to provide the audio and/or visual feedback in the language of the recognized voice command and associated with the language attribute after the language of the recognized voice command is determined and the language attribute is set.

Claim 14 (Previously Presented). The method as recited in claim 1, wherein the electronic device includes interacting means for interacting with the user in the plurality of different languages, further comprising the step of setting the language in which the interacting means interacts with the user to the language associated with the language attribute.

Appln. No. 10/023,071
Amdt. dated April 20, 2005
Reply to Office Action dated March 9, 2005

Claim 15 (Previously Presented). The method as recited in claim 14, wherein the interacting means comprise a speech recognizer.

Claim 16 (Previously Presented). The method as recited in claim 15, wherein the step of setting the language in which the interacting means interacts with the user comprises loading a defined list of control commands in the language associated with the language attribute into the speech recognizer.

Claim 17 (Currently Amended). ~~[[The]]~~ A method as recited in claim 1, wherein for enabling a user to interact with an electronic device using speech, the electronic device being capable of interacting with the user in multiple languages, the method comprising the steps of:

defining a set of activation commands for activating or controlling the electronic device, the set of activation commands including at least one activation command in each of the languages supported by the electronic device;

receiving speech input from the user;

recognizing at least one voice command in the speech input;

determining whether the recognized voice command is in the set of activation commands and if so, activating or controlling

Appln. No. 10/023,071
Amdt. dated April 20, 2005
Reply to Office Action dated March 9, 2005

the electronic device in accordance with the recognized voice command;

determining the language of the recognized voice command;
setting a language attribute which determines in which language the electronic device interacts with the user based on the language of the recognized voice command such that the recognized voice command has dual functions of causing the activation or control of the electronic device and setting of the language attribute of the electronic device; and

after the language attribute of the electronic device is set, ~~the method further comprising the steps of:~~

receiving additional speech input from the user;
recognizing at least one voice command in the speech input; and

determining whether the recognized voice command is in a set of control commands which is larger than the set of activation commands and if so, adjusting the operation of the electronic device in accordance with the recognized voice command.

Claim 18 (Previously Presented). The method as recited in claim 1, further comprising the step of determining which languages are supported by the electronic device and causing the

Appln. No. 10/023,071
Amdt. dated April 20, 2005
Reply to Office Action dated March 9, 2005

electronic device to interact with the user in the language associated with the language attribute.

Claim 19 (Previously Presented). The method as recited in claim 1, further comprising constructing the electronic device to interact with the user based on an established language attribute and establishing the language attribute of the electronic device as the language attribute set based on the language of the recognized voice command.

Claim 20 (Cancelled).